

ABSTRACT OF THE DISCLOSURE

[45] A sample carrier (30) for microscopy, in particular for confocal microscopy, and a method for producing the sample carrier (30), are disclosed. The sample carrier (30) comprises a first coverslip (32) and a second coverslip (33). The second coverslip (33) carries an mirror (29) which is equipped in such a way that it surrounds a sample region (34). Also provided is a frame (35) that retains the first and the second coverslip (32 and 33). The coverslips located in the frame (35) form a cavity (38), that cavity (38) being filled with a medium which has approximately the same refractive index as the first and the second coverslip (32 and 33).